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The Mediation of Inflammatory Injury of Tissue.

The objectives of this project are:

(1) To examine the participation of components of the Hageman factor pathways in the development of inflammatory injury of the lung.

(2) To determine the role of complement and cellular factors in inflammatory pulmonary disease.

The participation of plasma proteins of the Hageman factor and complement pathways and of inflammatory cells will be examined by use of radiolabeled protein components and labeled cells. Accumulation of these components in the lung will be followed and the effect of deprivation of each determined.

Methods of isolating and radiolabeling of components have been worked out. Models of pulmonary inflammation are now being studied.

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